

LISTING OF CLAIMS

1. **(previously presented)** An electronic display for presenting data from a vertical speed source aboard an aircraft, wherein said display comprises:
 a fractional section of an arcuate vertical speed indicator scale; and
 a vertical speed indicator marker;
 wherein said fractional section has non-linear graduations marked thereon in the vicinity of said vertical speed indicator marker.
2. **(original)** The electronic display of claim 1, wherein said vertical speed indicator scale is elliptically shaped.
3. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker shows a vertical speed trend.
4. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker shows a vertical speed trend by its motion to replicate the motion of an analog instrument.
5. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker is comprised of a pointer.
6. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker is comprised of a numeric display.
7. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker is comprised of a pointer and a numeric display.
8. **(cancelled)**

9. **(previously presented)** The electronic display of claim 1, wherein said fractional section of said vertical speed indicator scale always shows an indicium for a value of 0 (zero) vertical speed.
10. **(original)** The electronic display of claim 1, wherein said vertical speed indicator marker is comprised of a digital readout of the vertical speed of said aircraft.
11. **(original)** The electronic display of claim 10, wherein said digital readout of the vertical speed is bounded by the range of ± 9999 feet per minute.
12. **(original)** The electronic display of claim 1, additionally comprising TCAS resolution advisory indicators along a periphery of said vertical speed indicator scale
wherein said TCAS resolution advisory indicators are shown during a TCAS resolution advisory condition.
13. **(original)** The electronic display of claim 12, wherein said TCAS resolution advisory condition triggers an increase in size of said electronic display.
14. **(cancelled)**
15. **(original)** The electronic display of claim 12, wherein said TCAS resolution advisory indicators are comprised of red marks and green marks.
16. **(original)** The electronic display of claim 1, additionally comprising a vertical speed bug having a shaped indicator in a position inside of said fractional section of said vertical speed indicator scale,
wherein said vertical speed bug indicates a selected vertical speed value.
17. **(original)** The electronic display of claim 16, wherein said vertical speed bug points to a location on said fractional section of said vertical speed indicator scale equivalent to said selected vertical speed value.

18. (original) The electronic display of claim 16, wherein said vertical speed bug points to a location on an edge of said fractional section of said vertical speed indicator scale when said selected vertical speed value is outside the range of values shown by said fractional section of said vertical speed indicator scale; and

wherein said shaped indicator of said vertical speed bug changes to provide a visual cue.

19. (original) The vertical speed bug of claim 18, wherein said shaped indicator changes to one-half of its original shape to provide said visual cue.

20. (currently amended) An electronic display for presenting data from a vertical speed source aboard an aircraft, wherein said display comprises:

a fractional section of ~~[[a]]~~ an elliptically shaped vertical speed indicator scale; and

~~a~~ an elliptically shaped vertical speed indicator marker, showing a vertical speed of the aircraft as indicated by the vertical speed source;

wherein said fractional section of a vertical speed indicator scale shown by said electronic display will change relative to the vertical speed depicted by said vertical speed indicator marker,

wherein said vertical speed indicator marker comprises a pointer and a digital numeric display; and

wherein said fractional section of said vertical speed indicator scale shows non-linear graduations marked thereon in the vicinity of said vertical speed indicator marker.

21. (previously presented) The electronic display of claim 20, wherein said vertical speed indicator marker is shown equidistant between an upper value and a lower value on said fractional section of said vertical speed scale.

22. (cancelled)

- 23. (original)** The electronic display of claim 20, wherein said wherein said digital readout of the vertical speed is bounded by the range of ± 9999 feet per minute.
- 24. (original)** The electronic display of claim 20, additionally comprising TCAS resolution advisory indicators along a periphery of said vertical speed indicator scale, wherein said TCAS resolution advisory indicators are shown during a TCAS resolution advisory condition.
- 25. (original)** The electronic display of claim 24, wherein said TCAS resolution advisory condition triggers an increase in size of said electronic display.
- 26. (cancelled)**
- 27. (original)** The electronic display of claim 24, wherein said TCAS resolution advisory indicators are comprised of red marks and green marks.
- 28. (previously presented)** The electronic display of claim 20, wherein said vertical speed indicator marker is shown parked at the edge of said fractional section of said vertical speed scale when said vertical speed source indicates said vertical speed of said aircraft is ± 6000 feet per minute.
- 29. (previously presented)** The electronic display of claim 28, wherein said fractional section of said vertical speed scale shows a maximum indicia of either $+6000$ feet per minute or -6000 feet per minute.
- 30. (original)** The electronic display of claim 28, wherein said digital numeric display is bounded by ± 9999 feet per minute.
- 31. (previously presented)** The electronic display of claim 28, wherein said fractional section of said vertical speed scale shows an indicium for 0 (zero) feet per minute.

32. (new) An electronic display for presenting data from a vertical speed source aboard an aircraft to a flight crew, comprising:

- a depiction of at least a fractional section of an arcuate vertical speed indicator scale having graduations of vertical speed depicted thereon ; and

- a depiction of a vertical speed indicator marker;

wherein the depictions of at least one of the vertical speed indicator scale and the vertical speed indicator marker adjust dynamically to changing flight conditions to increase situational awareness of the flight crew.